



Service Bulletin

File in Section: -

Bulletin No.: PI1161A

Date: February, 2014

PRELIMINARY INFORMATION

Subject: Fuel Gauge Does Not Read Full, Only Goes to 7/8 Full

Models: 2013 Buick LaCrosse, Regal Equipped with Engine RPO LUK
2013 Chevrolet Malibu LT or LTZ Equipped with Engine RPO LUK
2013 Chevrolet Malibu LS Equipped with Engine RPO LCV
Built Prior to August 26, 2013

This PI has been revised to include the Fuel Tank Capacities table. This PI replaces PIC5867.
Please discard PI1161 and PIC5867.

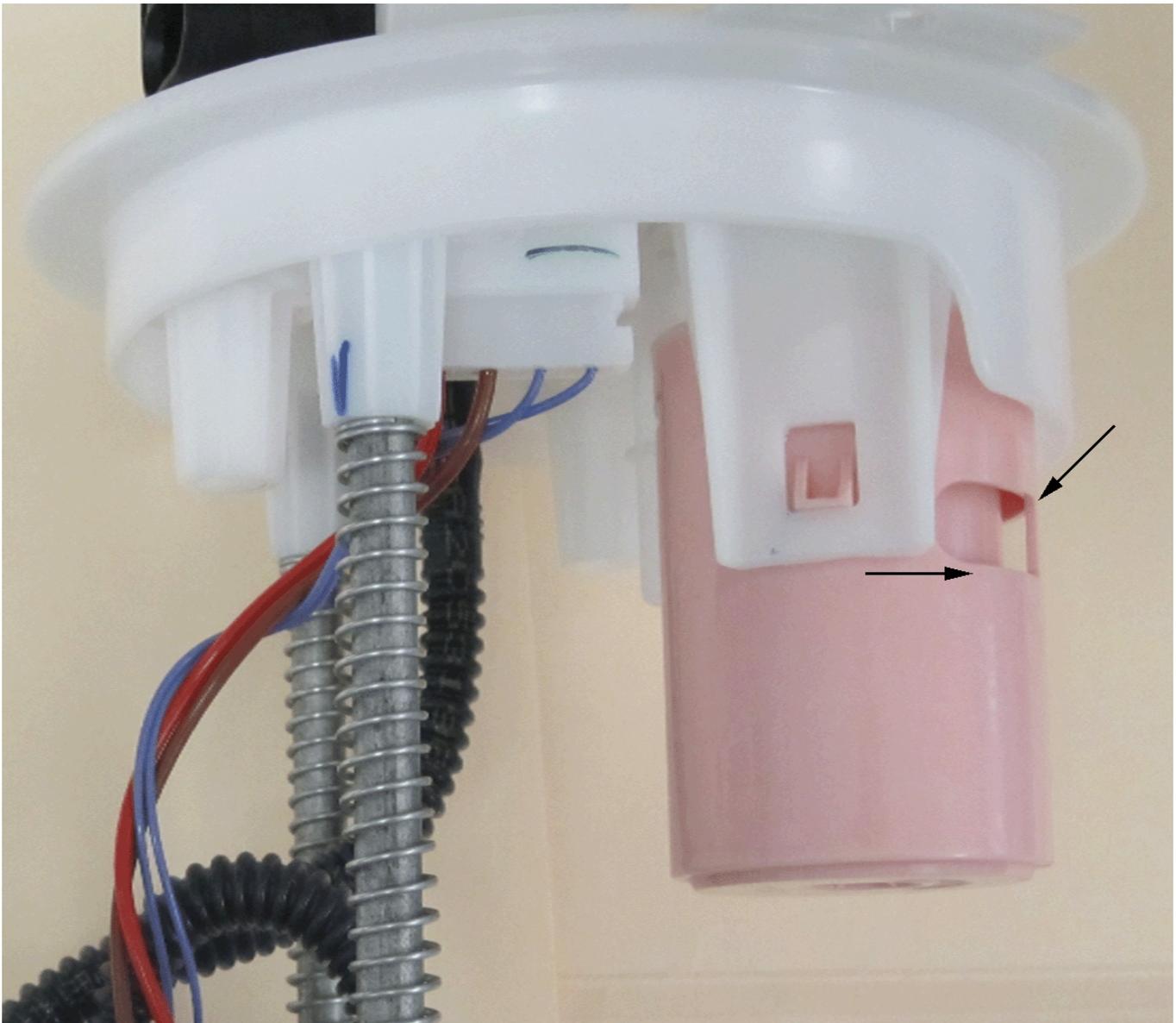
Condition/Concern

Some customers may comment on the fuel gauge not reading full, only goes to 7/8 full.

This condition may be caused by build variation of the fuel level sensor sending the incorrect fuel level value to the engine control module (ECM).

Recommendation/Instructions

A new fuel fill shutoff valve and fuel level sensor have been released to address this concern.



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Replace the fuel level sensor and shutoff valve with the new part numbers listed below. Use a plastic trim stick to pry the tabs out to unsnap the original shutoff valve. When replacing the shutoff valve, make sure the windows on the valve point out as shown in the illustration above.

Important: DO NOT lubricate the O-ring on the new shutoff valve.

Note: This repair is specific for the models listed above which have 15.8 Gal (60 L) fuel tank capacity. This repair will not correct an issue on the larger fuel tank capacity vehicles. If a different vehicle model is found with a similar concern, follow normal diagnostics.

The table below shows the different fuel system capacities for the other vehicle models.

FUEL TANK CAPACITIES		
2013 LaCrosse		
2.4L L4 Engine	60.0 L	15.8 gal
3.6L V6 Engine, AWD	74.0 L	19.5 gal
3.6L V6 Engine, FWD	70.4 L	18.6 gal
2013 Regal		
2.0L L4 LHU Engine	70.4 L	18.6 gal
2.4L L4 LEA Engine	70.4 L	18.6 gal

FUEL TANK CAPACITIES		
2.4L L4 LUK Engine	60.0 L	15.8 gal
2013 Malibu		
Base Model	60.0 L	15.8 gal
LT or LTZ Model with eAssist	60.0 L	15.8 gal
LT or LTZ Model without eAssist	70.0 L	18.5 gal

Parts Information

Part Number	Description
13594132	Sensor Kit-Fuel Level
23465079	Valve, Fuel Sender Shutoff

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4080288*	Fuel Level Sensor and Fuel Sender Shutoff Valve Replacement	0.8 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		